

The current listing of claims replaces all prior listings, and versions of claims.

**Listing of Claims**

Claims 1-43 (Canceled).

44. (Previously presented) A substantially purified peptide of a promyostatin polypeptide, the peptide comprising a promyostatin prodomain comprising:  
amino acid residues from about 1 to 44 of SEQ ID NO:27; or  
amino acid residues from about 1 to 23 of SEQ ID NO:29.
45. (Previously presented) A substantially purified peptide of a promyostatin polypeptide, the peptide comprising a promyostatin myostatin domain comprising:  
amino acid residues from about 49 to 157 of SEQ ID NO: 27; or  
amino acid residues from about 28 to 136 of SEQ ID NO: 29.

Claims 46-47 (Canceled).